Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 16 Jun 2022 until 23:59 on Friday 17 Jun 2022

Forecast Issued on Thursday 16 Jun 2022 at 04:23

Confidence: High for initially very warm and settled conditions, and for the change to cooler and more unsettled conditions over the weekend. Moderate for the details in this deterioration and for precipitation and cloud amounts Saturday and Sunday.

Headline for Thursday 16 Jun 2022: A warm and dry day of strong sunshine, turning hazy at times.

Mountain weather hazards on Thursday 16 Jun 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 16 Jun 2022

Weather: A fine and bright day with long sunny spells. Sunshine may turn rather hazy on occasion under areas of high cloud. Feeling warm or very warm, especially towards Bakewell.

Chance of cloud-free hill tops above 600m: 100%.

Low cloud and visibility: Visibility will be very good, with clear views of distant hills. Cloud bases remaining well above summits throughout.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 16 Jun 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 SW	7/9 W	8/11 W	8/12 W	6/8 SW	10/13 S	14/18 S
300	3/4 SW	5/7 W	6/9 W	6/9 W	5/7 SE	6/9 S	8/14 S
Valley	2/3 SE	4/6 W	4/8 W	4/8 W	3/5 S	5/10 SE	5/13 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/10	13/12	15/14	16/15	17/16	17/14	16/14
300	11/11	15/14	18/17	19/18	19/19	19/18	18/17
Valley	12/12	16/16	19/18	20/20	20/20	18/17	18/17
Freezing Level*	2900m	2900m	2800m	3000m	3200m	3400m	3800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very warm temperatures bring a risk of dehydration and heat stress, especially on long climbs. Highest temperatures in eastern valleys likely to be several degrees higher than the table suggests.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 16 Jun 2022	0mm	0mm	0mm

Forecast for Friday 17 Jun 2022

Weather: Dry and bright with long periods of strong sunshine. Very warm, perhaps hot in places. Turning cloudy from the northwest during the evening with a chance of some patchy light rain towards midnight.

Maximum wind: Southwesterly 25-35, gusting up to 40mph on higher slopes at first. Becoming westerly by the evening.

Chance of cloud-free hill tops above 600m: Above 95%, reducing to 40% in northwestern parts during the evening.

Low cloud and visibility: Cloud bases remaining well above summits during the day with very good visibility. Broken cloud expected to spread across High Peak during the evening, with bases covering slopes down to 300-400m. Moderate visibility in rain.

Temperature: **Valleys:** Plus 14 Celsius becoming plus 28 Celsius.
At 600m: Plus 12 Celsius becoming plus 22 Celsius.
Freezing level: Above summits.

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